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LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA
BULLETIN No. 301
WHITE PAINT

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WHITE PAINT

J. U. VINCENT, Esq.,

OTTAWA, 5th February, 1915.

Deputy Minister Inland Revenue,

SIR,—I beg to hand you a collection of 116 samples purchased by our inspectors, as White Paint, during the month of June of last year. This may be regarded as supplemental to my recent report on the subject of White Lead. (Bull. No. 300.)

In the matter of White Paint we have no standard requirement. This article is generally assumed to consist of white lead, ground in oil, and further diluted with linseed oil and turpentine, with or without so-called dryers, to the proper consistency for convenient application with a brush. White Lead is frequently replaced by oxide or sulphide of zinc, a pigment which while it does not possess the covering power of white lead has some advantages over this. The chief advantage is that where sulphuretted hydrogen is present, the result is to blacken lead paints, while zinc is not affected in this way. We may therefore assume that the normal pigments, which may occur in white paint, that may be regarded as genuine, are either basic carbonate of lead (white lead), or oxide or sulphide of zinc, or a mixture of these.

Twenty-eight (28) samples of this collection are found to contain white lead as their principal pigment. Thirty samples (30) contain zinc oxide or sulphide, and nine (9) samples contain lead and zinc in admixture. If these be regarded as genuine, then sixty-seven (67) samples constituting fifty-eight per cent (58%) of the collection are found to be genuine.

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Barytes or sulphate of barium often called Heavy Spar is a much cheaper substance than either lead or zinc pigments. It is much used as a filler in white paint and cannot be regarded as an adulterant if the fact of its presence is declared on the label. Thirty-five (35) samples are found to consist chiefly of barytes so far as the pigment is concerned. Fourteen (14) others contain large amounts of barytes in admixture with more or less lead or zinc. All these samples may be regarded as questionable since the presence of the cheaper articles is not declared on the label, nor indicated in any way to the purchaser.

The following statement recapitulates what I have said:—

Pigment essentially white lead.	28	samples.
“ “ oxide or sulphide of zinc.	30	“
“ mixtures of lead and zinc.	9	“
“ lead and zinc with barytes.	14	“
“ chiefly barytes.	35	“
<hr/>		
Total.	116	“

Inasmuch as we have no legal standard for white paint I cannot ascribe adulteration in a legal sense to any of these samples; but the work now put on record will be of use to the public in making known the character of white paint as offered in the Canadian Market.

I beg to recommend publication of this report as Bulletin No. 301.

I beg to remain, Sir,

Your obedient servant,

A. MCGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NOVA SCOTIA—

1914.								
June 11	White Paint	41851	E. K. Spinney, Yarmouth, N. S.	3 tins.	36	Brandram Henderson, Ltd., Montreal.	Mfrs.....	Pure White. .
" 24	"	41853	Wm. Stairs Son Morro, Halifax, N. S.	3 "	39	Farquhar & Gill, Scotland.	"	"Scotia" Brand.
" 24	"	41854	Wm. Robertson & Son, Halifax, N. S.	3 "	39	Burrells Co., London, Eng.	"	Brand 41.....
" 24	"	41855	Jas. Simmonds Ltd. Halifax, N. S.	3 "	39	Lewis Berger & Sons, London, Eng.	"	"Rose" Brand.
" 17	"	41856	S. A. Crowell & Co., Yarmouth, N. S.	3 "	39	Martin Senour Co. Montreal.	"	Sold as No. 2 quality, in- side white.

DISTRICT OF NOVA SCOTIA—

Sept. 12	White Paint	53721	Thompson & Suth- erland, New Glasgow, N.S.	3 tins.	54	Sherwin Wil- liams Co., Montreal.	Mfrs.....	Family.....
" 12	"	53722	" "	3 "	30	The Union Paint Works, Mon- treal.	"	Pure White...
" 12	"	53723	J. S. Fraser, New Glasgow, N.S.	3 "	60	The Martin Sen- our Co., Ltd. Montreal.	"	Labelled 100% pure outside paint.
" 12	"	53724	" "	3 "	30	The William Hill Co., Mon- treal.	"	
" 18	"	53725	Abraham Migette, Tracadia, N. S.	3 "	35	Burrell Paint Co., London, Eng.	Wm. Robin- son, Hal- ifax, N.S.	Labelled snow white zinc. .

DISTRICT OF NEW BRUNSWICK—

June 8	White Paint	59516	Brandram Hender- son Ltd., St. John N. B.	3 tins.	55	Vendors..		"English White Paint" Brand.
" 9	"	59517	W. H. Thorne & Co., Ltd., St. John, N.B.	3 "	60	Martin Senour Paint Co., Montreal.		Inside paint..
" 16	"	59518	W. S. Fairweather Sussex, N.B.	3 "	45	Sherwin Wil- liams Co., Ltd. Montreal.		Family.....
" 17	"	59519	Summer Co., Ltd., Moncton, N.B.	3 "	30	Bergers Ltd., London.		White.....
" 18	"	59520	M. A. E. Goggin, Chatham, N. B.	3 "	45	A. Ramsey & Son, Co., Mon- treal.		Unicorn Brand.

WHITE PAINT.

Results of Analysis.											No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.					Analysis of separated dry pigment.							
Total.	Tin.	Paint.	Vehicle.	Pigment.	Loss on Ignition.	Residue insoluble in Nitric Acid.	Lead, (metal).	Found.	Found in Residue.			
R. J. WAUGH, INSPECTOR.												
See	No.	62,339	p. c.	p. c.	p. c.	p. c.	p. c.				41851	Essentially white lead.
18.5	2.75	15.75	23.5	76.5	2.37	82.50	2.58	Zinc.	Barium.		41853	Chiefly barytes.
18.6	2.9	15.7	22.0	78.0	1.59	86.15	1.83	"	"		41854	"
18.9	2.8	16.1	22.7	77.3	0.81	84.70	2.99	"	"		41855	"
20.5	2.7	17.8	37.0	63.0	4.25	57.67	3.99	"	"		41856	"
W. A. PETIPAS, TEMPORARY INSPECTOR.												
See	No.	61,519									53721	Essentially zinc oxide.
See	No.	56,262									53722	Lead and barytes.
See	No.	51,977									53723	Chiefly lead and zinc.
See	No.	2,017									53724	Chiefly barytes.
See	No.	41,854									53725	"
JOHN C. FELGUSON, INSPECTOR.												
24.25	3.15	21.10	30.3	69.7	10.63	1.80	52.60	Zinc.				Essentially white lead.
See	No.	58,367									59518	Chiefly barytes.
See	No.	61,519									59519	Essentially zinc oxide.
19.25	2.75	16.50	21.8	78.2	0.96	86.36	2.42	"	Barium.		59519	Chiefly barytes.
See	No.	58,369									59520	Essentially zinc.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUEBEC CITY—

1914.								
May 18	Peinture Blanche.	56261	J. E. Rousseau, 1289 Rue St. Valier, Quebec.	3 bott.	45	Victor Paint Co., Montreal.	Mrs.	699 inside....
" 18	" ..	56262	F. E. Tobin, 1215 rue St. Valier, Quebec.	3 "	39	Union Paint Works.	Unknown...	Pure White...
" 18	" ..	56223	P. E. Kirouack, 1105 rue St. Valier, Quebec.	3 "	90	Brandram Henderson.	Mrs. ....	.....
" 19	" ..	56264	J. F. Lapointe, 7 rue. Dollar, Que.	7 3 "	36	The London Paint Co., Montreal.	Unknown...	Pure White Paint.
" 19	" ..	56265	Edouard Moreney, 24 Rue Desrocher Quebec.	3 "	45	The Victor Co., Montreal.	Samson & Filion.	Inside White, 699.

DISTRICT OF EAST QUEBEC—

June 12	Peinture Blanche.	53593	A. Tardis, St. Louise.	3 bts.	42	Victoria Paint and Colour Co., Montreal	.....	(White).....
" 3	" ..	2003	A. Boucher, St. Pacome.	3 lbs.	45	The Georgia Turpentine Co.	.....	Inside White..
" 10	" ..	2010	Georges Michaud, St. Alexandre.	3 "	30	P. Dodd & Co...	.....	Island City, 23.
16	" ..	2017	F. X. Roy, St. Philippe de Neri.	3 "	30	The William Mills Co.	.....	Inside White, 860.

DISTRICT OF WEST QUEBEC—

June 10	Peinture Blanche.	2344	Alexandre Ville-neuve, St. Jerome, P.Q.	3 lbs.	38	Victoria Paint and Colour Co., Montreal.	.....	(White).
" 10	" ..	2345	Wilfrid Mayer, St. Jerome, P.Q.	3 "	45	The Sherwin Williams Co.	.....	Family.
July 13	" ..	2367	Paul Fortier, St. Agathe des Monts.	3 "	60	The Imperial Varnish and Colour Co., Ltd.	.....	Flat White...
Aug. 5	" ..	2382	Paul Georges, La-chute.	3 "	50	Brandram Henderson, Ltd., Montreal.	.....	Pure White...
June 3	" ..	2537	Jos. Pigeon, St. Magloire.	3 "	45	The London Paint Works Co.	.....	Shield Brand, White.
" 3	" ..	2542	F. X. Bolduc, St. Raphael.	3 "	36	Victoria Paint and Colour Co., Montreal.	.....	White.....

WHITE PAINT.—

Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.			Vehicle.	Pigment.	Analysis of separated dry pigment.						
Total.	Tin.	Paint.			Loss on Ignition.	Residue Insol- uble in Nitric Acid.	Lead (metal).	Found.	Found in Residue.		

F. X. W. E. BELAND, INSPECTOR.

See	No.			p. c.	p. c.	p. c.	p. c.				
								Aluminum		56261	Chiefly barytes.
17.3	2.2	15.1	31.5	68.5	6.71	38.59	15.28	Zinc.	Barium.	56262	Lead and barytes.
See	No.	63435								56263	" "
16.85	2.4	14.45	30.1	69.9	5.00	46.28	15.47	Zinc.	Barium.	56264	" "
18.30	2.7	15.6	42.3	57.7	0.93	58.18	6.54	Zinc and Aluminum	"	56265	Chiefly barytes.

ALP. PELLETIER AND F. X. ROY, TEMPORARY INSPECTORS.

19.0	2.5	16.5	39.7	60.3	5.06	47.19	9.21	Zinc.	Barium.	53303	Chiefly barytes.
16.7	2.25	14.45	39.0	61.0	2.11	54.91	6.85	Zinc and aluminum.	"	2003	"
16.0	2.75	13.25	55.0	45.0	8.22	59.06	1.80	Zinc.	"	2010	"
16.0	2.4	13.6	42.3	57.7	2.06	52.16	8.21	"	"	2017	"

N. CADIEUX AND D. BROCHU, TEMPORARY INSPECTORS.

See	No.	53393								2344	Chiefly barytes.
See	No.	61519								2345	Essentially zinc oxide.
24.0	2.9	21.1	26.3	73.7	2.61	53.51	2.38	Zinc.	Silica.	2367	Chiefly barytes.
See	No.	62339								2382	Essentially white lead.
19.0	2.4	16.6	30.4	69.6	5.64	37.14	2.43	Zinc.	Barium.	2537	Chiefly barytes and zinc.
See	No.	53393								2542	Chiefly barytes.

Date of Collection.	Name of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of Opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF WEST QUEBEC—

1914.								
June 3	Peinture Blanche..	2543	A. t. Labrecque, St. Raphael	3 bts.	36	Alexandra		White.....
" 3	" ..	2550	Jos. Langlois, Armagh.	3 " ..	42	A. Ramsay Son Co.		Unicorn Brand, 891.
" 3	" ..	2554	Onesime Noel, Armagh.	3 " ..	39	Canada Paint Co.		

DISTRICT OF EASTERN TOWNSHIPS—

June 8	Peinture Blanche..	2118	N. Pelletier and Fils, Drummondville.	3 lbs	50	A. Ramsay & Co., Montreal.		Unicorn Brand
" 10	" ..	2119	J. S. Marceau & Freres, Lac Megantic.	3 " ..	54	Brandram Henderson Ltd., Montreal.		Inside White..
" 10	" ..	2120	E. J. Planche & Co., Cookshire.	3 " ..	45	The Sherwin Williams' Co., Ltd., Montreal		Family.
" 26	" ..	2122	Beaunoyer Lalime, St. Hyacinth.	3 " ..	45	The Canada Paint Co., Ltd., Montreal		Outside White

DISTRICT OF MONTREAL—

May 18	WhitePaint.	58366	A. Lemarre, 323 Hibernia St., Montreal.	3 tins	53	Canada Paint Co., Ltd., Montreal.		No. 130.....
" 18	" ..	58367	A. LeBlanc, 383 Hibernia St., Montreal.	3 " ..	60	The Martin Senour Co., Toronto.		Inside Paint..
" 18	" ..	58368	Armstrong & Petit, 647 Wellington St., Montreal.	3 " ..	45	McArthur Irwin Ltd., Montreal.		Crown Diamond 25.
" 18	" ..	58369	G. A. Poirier, 599 Wellington St., Montreal.	3 " ..	45	A. Ramsay, & Son, Co., Montreal.		Unicorn Brand
" 19	" ..	58370	Desroches & Co., 268 Centre St., Montreal	3 " ..	1.20	The Sherwin Williams Co., Montreal.		China Gloss, White.

DISTRICT OF VALLEYFIELD—

May 18	WhitePaint.	62335	D. Courville Alexandria, Ont.	3 tins	60	Lowe Bros., Ltd.		Inside Gloss White, 329.
" 26	" ..	65336	Besner & Chaste Valleyfield, P.Q.	3 " ..	45	Onyx Paint Co.		Outside White

WHITE PAINT—

Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.			Vehicle	Pigment.	Analysis of separated dry pigment.						
Total.	Tin.	Paint.			Loss on Ignition.	Residue Insoluble in Nitric Acid.	Lead (metal).	Found.	Found in Residue.		

Concluded.

			p. c.	p. c.	p. c.	p. c.					
16.75	2.6	14.15	56.5	43.5	15.61	23.25	32.92	Zinc.	Barium.	2543	Lead and barytes.
See	No.	58269	.....	.....	.....	.....	.....	.....	.....	2559	Essentially zinc.
19.25	2.75	16.5	45.8	54.2	4.85	48.07	6.18	Zinc.	Barium.	2554	Chiefly barytes.

J. C. ROULEAU, INSPECTOR.

See	No.	58369	.....	.....	.....	.....	.....	.....	.....	2118	Essentially Zinc Oxide.
17.2	2.25	14.95	34.8	65.2	11.58	3.03	55.96	Zinc..	.....	2119	" White Lead.
See	No.	61519	.....	.....	.....	.....	.....	.....	.....	2120	" Zinc Oxide.
20.0	2.7	17.3	53.3	46.7	2.61	55.47	0.20	Zinc..	Barium.	2122	Chiefly Barytes.

D. J. KEARNEY, INSPECTOR.

19.25	2.75	16.5	44.7	55.3	5.20	47.96	8.46	Zinc.	Barium.	58366	Chiefly Barytes.
19.25	2.6	16.65	52.0	48.0	2.49	50.82	2.95	"	"	58367	"
19.3	2.3	17.0	32.6	67.4	6.55	28.56	28.54	"	"	58368	Barytes and Lead.
18.25	2.8	15.45	44.6	55.4	7.25	6.39	1.69	"	Silica	58369	Essentially Zinc.
32.5	3.75	28.75	49.5	50.5	6.34	7.80	2.21	"	"	58370	"

J. J. COSTIGAN, INSPECTOR.

19.1	2.75	16.35	52.2	47.8	2.86	6.26	1.27	89.92 Zinc Oxide.	Barium.	62335	Essentially Zinc.
13.0	2.5	10.5	53.3	46.7	8.85	23.98	1.94	Zinc..	Silica	62336	" Zinc and Barytes.

BULLETIN No. 301—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of Opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF VALLEYFIELD—

1914.								
May 26	White Paint	62337	N. Langevin Valleyfield, P.Q.	3 tins.	38	Canada Paint Co.		No. 130.
" 26	"	62338	V. Leger, Valleyfield, P.Q.	3 "	45	Victoria P. & C. Co.		(White).
" 27	"	62339	Côté & Cie, St. Johns, P.Q.	3 "	45	Brandram & Henderson.		Pure White.

DISTRICT OF OTTAWA—

June 2	White Paint.	63431	Griffin & Brennan, Arnprior.	3 tins	60	The Sherwin Williams Co., Montreal.	Mfrs.	Labelled. This is a Linseed Paint, Family Brand.
" 5	"	63432	Mulhall Hard-ware Co., Ottawa.	3 "	54	Canada Paint Co., Montreal.	"	"The Evermore Brand.
" 8	"	63433	W.S. Howe, Bronson Ave., Ottawa.	3 "	45	Ramsay & Son Co., Montreal.	"	"Unicorn" Brand.
" 9	"	63434	Cuzner Hard-ware, Co., Ltd., Queen St., West.	3 "	75	Pinchin Johnson Co., Ltd., Toronto.	"	"Minerva" Brand.
" 10	"	63435	John O'toole, St., Ottawa.	3 "	45	Brandram Henderson, Montreal.	"	"Anchor"

DISTRICT OF KINGSTON—

May 18	White Paint	61516	J. B. Bunt & Co., Kingston.	3 tins.	60	Lowe Bros., Toronto.		
" 18	"	61517	A. Chown & Co., Kingston.	3 "	54	Canada Paint Co., Montreal.		No. 131.
" 18	"	61518	H. W. Marshall, Kingston.	3 "	75	"		Outside Gloss White.
" 18	"	61519	John Corbett, Kingston.	3 "	60	Sherwin Williams, Montreal.		Family Paint.
" 18	"	61520	W. A. Mitchell, Kingston.	3 "	60	Imperial Varnish and Colour Co., Ltd., Toronto.		Outside White

DISTRICT OF TORONTO—

May 22	White Paint	62190	F. H. Moses, 352 Broadview Ave., Toronto.	3 cans.	75	Canada Paint Co., Ltd., Toronto.		Elephant, 131.
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WHITE PAINT.—

Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.			Analysis of separated dry pigment.								
Total.	Tin.	Paint.	Vehicle.	Pigment.	Loss on Ignition.	Residue Insol- uble in Nitric Acid.	Lead (metal).	Found.	Found in Residue.		

Concluded.

			p. c.	p. c.	p. c.	p. c.	p. c.				
19.0	2.75	16.25	60.8	39.2	2.26	54.48	1.45	Zinc.	Barium.	62337	Chiefly Barytes.
See	No.	53393	.....	.....	.....	.....	.....	.....	.....	62338	"
17.25	2.5	14.75	35.9	64.1	11.10	2.95	53.63	Zinc	.....	62339	Essentially White Lead.

J. A. RICKEY, INSPECTOR.

See	No.	61519	..	.....	.....	.....	.....	.....	.....	63431	Essentially Zinc Oxide.
21.6	2.7	18.9	37.6	62.4	5.30	47.73	7.67	Zinc.	Barium.	63432	Barytes, Lead and Zinc.
18.75	2.25	16.50	42.65	57.4	.....	See	No.	58369	.....	63433	Essentially Zinc Oxide.
See	No.	53677	.....	.....	.....	.....	.....	.....	.....	63434	Chiefly Lead.
17.25	2.4	14.85	27.6	72.4	5.41	35.82	37.14	Zinc.	Barium.	63435	Lead and Barytes.

JAS. HOGAN, INSPECTOR.

See	No.	55025	.....	.....	.....	.....	.....	.....	.....	61516	Chiefly lead.
See	No.	62337	.....	.....	.....	.....	.....	.....	.....	61517	" barytes.
21.75	2.7	19.05	41.7	58.3	10.13	4.15	42.15	Zinc.	.....	61518	Essentially white lead.
16.2	2.7	13.5	81.3	18.7	3.90	10.28	3.64	83.30	Silica.	61519	" zinc oxide.
See	No.	55037	% zinc oxide.	61520	Lead and zinc.

H. J. DAGER, INSPECTOR.

See	No.	62337	62100	Chiefly barytes.
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Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF TORONTO—

1914.								
May 22	White Paint.	62191	W. T. Mons, 428 Spadina Ave., Toronto.	3 cans	54	The Sherwin Williams Co., Ltd., Toronto.		Family....
" 22	"	62192	John Coslor, 628 Queen St. west, Toronto.	3 "	60	Lowe Bros., Ltd., Toronto.		Lowe Bros. High Standard Liquid White Paint, 328.
" 22	"	62193	J. Ivory, 682 Queen St. west, Toronto.	3 "	60	Pinchin Johnson Co., Ltd., Toronto.		Pure ready prepared Minerva Paint.
" 22	"	62196	F. A. J. Hunt, 1022 Gerrard St. east, Toronto.	3 "	69	The Martin Senour Co., Ltd., Montreal.		Pure White Lead. Zinc and colour No. substitutes 100% pure Inside Gloss.

DISTRICT OF HAMILTON—

June 3	White Paint	63279	J. A. Henderson, Brampton.	3 cans	60	The Sherwin Williams Co., Montreal.		Family.....
" 4	"	63280	R. F. Scott, Guelph	3 "	60	The Martin Senour Co., Toronto.		100% Pure White Inside
" 5	"	63281	Liphardt Bros., Waterloo, Ont.	3 "	60	Canada Paint Co., Ltd., Toronto.		Elephant, 139
" 5	"	63283	L. B. Snyder, Berlin.	3 "	60	Pinchin, Johnson & Co., Toronto.		"Minerva" brand, outside
" 10	"	63288	Thos. Ramsay, Market Square, Hamilton	15, 3 "	15	A. Ramsay & Son Co., Montreal.		"Unicorn" brand, outside.

DISTRICT OF WINDSOR—

May 26	White Paint	53677	E. & S. Pollard, Petrolia.	3 lbs.	60	Pinchin, Johnson & Co., Toronto.		Minerva inside white.
" 26	"	53679	Van Tuyl & Fairbank, Petrolia.	3 tins.		Sherwin Williams, Toronto.		Family
" 27	"	53690	Mackenzie, Milne & Co., Sarnia.	3 "	45	Brandram Henderson, Montreal.		Brandram B.B. White Lead.

WHITE PAINT.

Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.			Vehicle.	Pigment.	Analysis of separated dry pigment.						
Total.	Tin.	Paint.			Loss on Ignition	Residue insoluble in Nitric Acid.	Lead, (metal).	Found.	Found in Residue.		

Concluded.

			p. c.	p. c.	p. c.	p. c.	p. c.				
See	No.	61519	.....	.....	.....	.....	.....	.....	.....	62191	Essentially zinc oxide.
See	No.	50025	.....	.....	.....	.....	.....	.....	.....	62192	Chiefly lead.
22.5	3.0	19.5	33.6	66.4	9.82	5.37	44.46	Zinc.	Silica.	62193	" white lead.
17.9	2.8	15.1	44.0	56.0	2.49	48.72	4.07	"	Barium.	62196	" barytes.

H. J. DAGER, ACTING INSPECTOR.

See	No.	51519	.....	.....	.....	.....	.....	.....	.....	63279	Essentially zinc oxide.
See	No.	58367	.....	.....	.....	.....	.....	.....	.....	63280	Chiefly barytes.
See	No.	58366	.....	.....	.....	.....	.....	.....	.....	63281	"
See	No.	62193	.....	.....	.....	.....	.....	.....	.....	63283	Chiefly white lead.
See	No.	63433	.....	.....	.....	.....	.....	.....	.....	63288	Essentially zinc oxide.

JNO. TALBOT, IN CHARGE.

21.0	3.0	18.0	41.6	58.4	12.78	4.36	10.43	Zinc.	.....	53677	Chiefly lead.
See	No.	61519	.....	.....	.....	.....	.....	.....	.....	53678	Essentially zinc oxide.
See	No.	2119	.....	.....	.....	.....	.....	.....	.....	53680	" white lead.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF WINDSOR—

1914.								
June 4	White Paint	63902	W. J. Heaman, Exeter.	3 lbs.	60	Low Bros., Toronto.		Low Bros. High Standard Liquid Paint.
" 5	"	63904	Harland Bros., Clinton.	3 "	45	Sherwin Williams, Toronto.		Family

DISTRICT OF MANITOBA—

May 20	White Paint	61121	Linklater Bros., Main st., Winnipeg.	910 3 tins.	75	The Sherwin Williams Co. of Canada, Ltd.	Agent in Family.	Winnipeg.
" 20	"	61122	C. Tadman, Main st., Winnipeg.	866 3 "	60	G. F. Stephens & Co., Winnipeg		Zenith House Paint, outside white.
" 20	"	61123	Weir & Wilson, 666 Main st., Winnipeg.	3 "	75	"		Stephens Inside.
" 21	"	61124	The Whiting Hard-ware, Osborne st., Winnipeg.	3 "	75	The Imperial Varnish & Colour Co., Ltd.		Outside white.
" 22	"	61125	Walter Johnson, 581 Sargent ave., Winnipeg.	3 "	75	Brandram & Henderson.	Agent in Pure white... Winnipeg.	

DISTRICT OF EAST SASKATCHEWAN—

May 20	White Paint	63741	Armstrong, Smith & Downell, Regina.	3 cans	75	Heath & Milligan Mfg. Co., Chicago, U.S.A.		White.....
" 20	"	63744	The Central Hard-ware, Regina.	3 "	75	Pinchin Johnson & Co., Winnipeg.		
" 20	"	63746	The Regina Trading Co., Ltd., Regina.	3 "	75	G. F. Stephens & Co., Winnipeg.		Outside.
" 22	"	63748	C. Moller, Regina.	3 "	75	P. D. Doda & Co., Ltd., Montreal.		Outside 26....
" 22	"	63749	Peart Bros., Hard-ware Co., Regina.	3 "	75	Sherwin Williams, Montreal.		Family.

DISTRICT OF WEST SASKATCHEWAN—

June 8	White Paint	64001	C. Warder & Co., Rouleau, Sask.	4 pt.	25	G. F. Stephens & Co., Ltd.		Inside.
" 9	"	64010	J. A. Hollingren, Estevan, Sask.	1 "	25	Canada Paint Co., Montreal.		Outside white.

WHITE PAINT—

Results of Analysis.						
Weight in Ounces.			Analysis of separated dry pigment.			Remarks and Opinion of the Chief Analyst.
Total.	Tin.	Paint.	Vehicle.	Pigment.	No. of Sample.	
				Loss on Ignition.		
				Residue Insol- uble in Nitric Acid.		
				Lead (metal).		
				Found.		
				Found in Residue.		

Concluded.

		p. c.	p. c.	p. c.	p. c.	p. c.	
See	No. 55025	.....	.....	.....	.....	.....	6392 Chiefly lead.
See	No. 61519	.....	.....	.....	.....	.....	6394 Essentially zinc oxide.

A. C. LARIVIERE, INSPECTOR.

See	No.	61519	.....	.....	.....	.....	.....	.....	.....	61121 Essentially	no oxide.
23.0	2.75	20.25	34.1	65.9	16.17	19.11	22.69	Zinc.	Silica.	61122	Lead, zinc and barytes.
20.5	2.9	17.3	36.9	63.1	6.78	63.85	1.24	"	Bar- ium.	61123	Chiefly barytes.
See	No.	55027	.....	.....	.....	.....	.....	.....	.....	61124	Lead and zinc.
See	No.	62339	.....	.....	.....	.....	.....	.....	.....	61125	Essentially white lead.

JNO. O. SCOTT, INSPECTOR.

17·0	2·8	14·2	54·0	46·0	10·82	6·38	19·32	Zinc.	Silica.	63741	Lead and zinc.
See	No.	53677								63744	Chiefly white lead.
See	No.	61624								63746	Lead, zinc and barytes.
See	No.	2010								63748	Chiefly barytes.
See	No.	61519								63749	Essentially zinc oxide.

L. H. HALL, INSPECTOR.

[illegible]

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vicinity.		Inspector's Report. (Is not a expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF WEST SASKATCHEWAN—								
1914.								
June 11	White Paint	64027	Western Hardware Co., Moose Jaw, Sask.	1 pint	25	Canada Paint Co., Montreal.		No. 131
" 11	"	64029	Moose Jaw Hardware Co., Moose Jaw, Sask.	1 "	25	Lowe Bros., Ltd., Winnipeg.		
" 11	"	64032	Carter & Bailey, Moose Jaw, Sask.	1 "	25	Martin Senour Co., Montreal.	Winnipeg Paint and Glass Co., Winnipeg.	Outside paint.
DISTRICT OF ALBERTA—								
June 16	White Paint	51976	Northern Hardware Co., Edmonton.	3 tins.	60	Sherwin Williams Co., Canada.		Family.
" 17	"	51977	Chown Hardware Co., Edmonton.	3 "	90	Martin Senour & Co., Chicago, U.S.A.	Edmonton Plate Glass Co.	
" 17	"	51978	Market Hardware Co., Edmonton.	3 "	75	Brandram Henderson, Montreal.	Race Hunt & Giddy Edmonton	Pure white. ...
" 18	"	51979	J. F. Macdonald, Calgary.	3 "	75	Brit. Am. Paint Co., Victoria, B.C.		No. 31.
" 18	"	51980	T. R. Stewart & Co., Calgary.			"		No. 31.
DISTRICT OF ROCKY MOUNTAINS—								
June 9	White Paint	61621	F. E. Archer, Kaslo, B. C.	3 tins.	90	Sherwin Williams Co., Montreal.		Family.
" 9	"	61624	Byers, Ziezerich, Green & Co., Kaslo, B. C.	3 "	90	G. F. Stephens & Co., Winnipeg.		Outside.
" 18	"	61630	Lawrence Hardware Co., Revelstoke, B. C.	3 "	90	British American Paint Co., Victoria, B. C.		No. 30.
" 18	"	61631	" " " " "	3 "	90	" " " " "		No. 31.
" 18	"	61632	Revelstoke Hardware Co., Revelstoke, B. C.	3 "	90	Pinchin, Johnson & Co., Toronto.		Minerva, Outside.
DISTRICT OF VANCOUVER—								
June 1	White Paint	55023	W. C. Shearnman, 546 Granville St., Vancouver, B. C.	3 tins.	75	The Sherwin Williams Co. of Canada, Ltd.		Family.
" 1	"	55024	Fraser Hardware Co., 651 Granville St., Vancouver, B. C.	3 "	105	British American Paint Co., Victoria, B. C.		"Rapco" Pure Paint, No. 31.

WHITE PAINT.

Results of Analysis.

Weight in Ounces.			Analysis of separated dry pigment.							Remarks and Opinion of the Chief Analyst.	
Total.	Tin.	Paint.	Vehicle.	Pigment.	Loss on Ignition	Residue insol- uble in Nitric Acid.	Lead, (metal).	Found.	Found in Resi- due.		No. of Sample.
Concluded											
See	No.	62337	p. c.	p. c.	p. c.	p. c.	p. c.			64027	Chiefly barytes.
See	No.	55025								64029	Chiefly lead.
See	No.	51977								64032	Chiefly lead and zinc.

A. W. R. MARKLEY, INSPECTOR.

See	No.	61519								51976 Essentially zinc oxide.
20.2	2.7	17.5	46.2	53.8	9.66	1.90	41.70	Zinc.		51977 Chiefly lead and zinc.
See	No.	62339								51978 Essentially white lead.
"	"	61631								51979 Chiefly white lead.
"	"	61631								51980 "

THOS. PARKER, INSPECTOR.

See	No.	61519								61621 Essentially zinc oxide.
20.1	3.0	17.1	33.0	67.0	18.82	19.88	27.25	Zinc. Silica.		61624 Lead, zinc barytes.
20.75	2.6	18.15	37.6	62.4	10.08	8.04	54.19	" Barium		61630 Chiefly white lead.
21.0	2.7	18.3	40.8	59.2	10.18	8.48	53.91	" "		61631 " "
See	No.	53677								61632 " "

E. J. MORGAN, INSPECTOR.

See	No.	61619								55023 Essentially zinc oxide.
See	No.	61631								55024 Chiefly white lead.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF VANCOUVER—

1914.								
June	4	White Paint	55025 The Johnson Paint & Varnish Co., Robson and Howe Sts., Vancouver, B. C.	3 tins	90	Lowe Bros., Ltd., Toronto, Ont.		White 328....
"	4	"	55026 T. J. Trapp & Co., Ltd., Columbia St., New Westminster, B. C.	3 "	90	The Martin Se-mour Co., Ltd., Montreal		100% pure. No adulteration
"	4	"	55027 Anderson & Lusby, Columbia St., New Westminster, B. C.	3 "	75	Imperial Varnish & Colour Co., Ltd., Toronto.		Maple Leaf Paint, outside white.

DISTRICT OF VICTORIA—

May	28	White Paint	61944 The Melrose Co., Ltd., 618 Fort St., Victoria, B. C.	3 lbs.	75	.....		"Pyramid" Brand white paint, 73.
"	28	"	61946 E. G. Friar & Co., Ltd., 1501 Government St., Victoria, B. C.	3 tins	120	Pinchin, Johnson & Co., Toronto		Minerva Paint Inside white
"	28	"	61947 P. McQuade & Son, 1214 Wharf St., Victoria, B. C.	3 "	75	The Staneland Co., Victoria, B. C.		Gloss White..
"	28	"	61950 Island Hardware Co., 707 Fort St., Victoria, B. C.	3 "	75	British American Paint Co., Victoria, B. C.		"Bapeco" Pure Paint, No. 31
"	28	"	61952 Watson & McGregor, 647 Johnson St., Victoria, B. C.	3 "	120	The Imperial Varnish and Colour Co., Ltd., Toronto.		Maple Leaf Brand, outside white.

DISTRICT OF WEST QUEBEC, EAST QUEBEC

June	24	White Paint	2819 Adelard Cloutier, St. Odilon, Que.	3 lbs.	30	.....	Herman Young.	Unicorn brand
"	24	"	2825 Eugene Audet, St. Prosperé, Que.	3 "	15	Herman Young.		" "
"	24	"	282 Archille Labrecque, St. Odilon, Que.	3 "	15	.....	Herman Young.	" "
"	9	"	2008 L'Union Agricol, St. Paschal, Que.	3 bxs.	54	Sherwin Williams Co., Montreal.		.....

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF WEST QUEBEC, EAST QUEBEC

1914.								
June 25	White Paint	2831	" " "	3 lbs.	54	Victoria Paint Co., Montreal.	La Comp. de Ferronneries Létang Ltd., Montreal.	699.....
May 16	" ..	60970	J. A. Asselin, St. Felix, Valois, Que.	3 tins.	45	Sherwin Williams, Montreal.	.....	Family Paint.
" 19	" ..	60971	S. Costelleau, Joliette, Que.	3 bxs.	45	A. Ramsay & Son Co., Montreal.	.....	Unicorn brand
" 19	" ..	60972	Chs. Leblanc, Joliette, Que.	3 "	45	Canadian Paint Co. Ltd., Montreal.	.....	891.....
" 20	" ..	60974	Alphonse St. George, St. Jean Matha, Que.	3 "	45	Sherwin Williams, Montreal.	.....	Family Paint.

WHITE PAINT.

Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyst.
Weight in Ounces.			Vehicle.	Pigment.	Analysis of separated dry pigment.						
Total.	Tin.	Paint.			Loss on Ignition	Residue Insoluble in Nitric Acid.	Lead (metal.)	Found.	Found in Residue.		

AND THREE RIVERS—Concluded.

See	No.		p. c.	p. c.	p. c.	p. c.	p. c.				
		53393	.....	.....	.....	.....	.....	.....	.....	2831	Chiefly barytes.
"	"	61519	.....	.....	.....	.....	.....	.....	.....	60970	Essentially zinc oxide
"	"	63433	.....	.....	.....	.....	.....	.....	.....	60971	" "
"	"	2554	.....	.....	.....	.....	.....	.....	.....	60072	Chiefly barytes.
"	"	61519	.....	.....	.....	.....	.....	.....	.....	60974	Essentially zinc oxide.